Amendments to the Specification:

Please replace the paragraphs starting with "SUMMARY OF INVENTION," beginning on page 6, lines 19-30 and ending on page 7, lines 1-3 with the following amended paragraphs:

SUMMARY OF THE INVENTION

In order to solve the above and other problems, according to a first aspect of the current invention, a multidimensional database control system, including a data storage unit for storing layer rule definition data, layer structure definition data, database data, input data, layer structure information and layer rule including rules for character-row converting a name of the member and for generating the layer information, a layer rule management unit connected to the data storage unit for managing the layer rule based upon the layer rule definition data, a layer structure information management unit connected to the data storage unit and the layer rule management unit for managing the layer structure information based upon the layer structure definition data, a multidimensional database management unit connected to the data storage unit for inputting the input data in the database data, and a layer structure information update unit connected to the layer structure information management unit and the multidimensional database management unit for receiving a command to generate layer information for the input data and for registering the layer information at the layer structure information, wherein the multidimensional database management unit enters the input data based upon the layer information.

According to the second aspect of the current invention, a multidimensional database control method, including the steps of storing layer rule definition data, layer structure definition data, database data, input data, layer structure information and layer rule for a multidimensional database, wherein the layer rule includes rules for character-row converting a name of the member and for generating the layer information, maintaining the layer rule based upon the layer rule definition data, maintaining the layer

structure information based upon the layer structure definition data, inputting the input data in the database data, generating layer information for the input data based upon the layer rule, the input data and the layer structure information, registering the layer information at the layer structure information, and entering the input data in the multidimensional database based upon the layer structure information.

According to the third aspect of the current invention, a computer program for managing a multidimensional database, performing the steps of storing layer rule definition data, layer structure definition data, database data, input data, layer structure information and layer rule for a multidimensional database, wherein the layer rule includes rules for character-row converting a name of the member and for generating the layer information, maintaining the layer rule based upon the layer rule definition data, maintaining the layer structure information based upon the layer structure definition data, inputting the input data in the database data, generating layer information for the input data based upon the layer rule, the input data and the layer structure information, registering the layer information at the layer structure information, and entering the input data in the multidimensional database based upon the layer structure information. ~~a system for maintaining a multidimensional database, including: an input unit for inputting a member; a dimensional layer information unit for storing dimensional layer information, the dimensional layer information including layer structure information to represent layer structure of members in the multidimensional database and a layer rule for defining rules to generate the layer structure information; and a dimensional layer information management unit connected to the input unit and the dimensional layer information unit for managing the dimensional layer information, the dimensional layer information management unit determining whether or not corresponding information has been registered for the member in the layer structure information, the dimensional layer information management unit generating the corresponding layer information according to the layer rule in the absence of the corresponding information and registering the corresponding layer information in the layer structure information.~~

3